

09/786033 #6

Attorney Docket No.: 01142.0102
Customer Number: 22,852
JC02 Rec'd PCT/PTO 01 MAR 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Mark Henry PAUSCH et al.)
Serial No.: Not yet assigned) Group Art Unit:
Filed: March 1, 2001) Examiner:

**For: METHODS FOR IMPROVING THE FUNCTION OF HETEROLOGOUS G
PROTEIN-COUPLED RECEPTORS**

U.S. National Phase Application based on PCT/US99/20013

**Assistant Commissioner for Patents
Washington, DC 20231
BOX: PCT**

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO-1449 and cited in the international search report. Copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO-1449 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being filed with the above-referenced application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants

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determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By:

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Dated: March 1, 2001

Enclosures
EFC/FPD/peg

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INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

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Atty. Docket No. 01142.0102		Serial No. Not Yet Assigned					
Applicant Mark Henry PAUSCH et al.							
Filing Date March 1, 2001		Group					
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
		WO00/22131	4/20/00	WIPO/PCT			
		WO96/00739	1/11/96	WIPO/PCT			
		WO95/21925	8/17/95	WIPO/PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	M.H. PAUSCH et al., "G-Protein-Coupled receptors in Saccharom yces cerevisiae: high-throughput screening assays for drug discovery", <i>TRENDS IN BIOTECHNOLOGY</i> , Vol. 15, No. 12, pp. 487-494, (Dec. 1997). ✓						
	O. MORO, et al., "Serine-and Threonine-rich Domain regulates internaliz ation of muscarinic cholinergic Receptors", <i>JO URNAL OF BIOLOGICAL CHEMISTRY</i> , Vol. 268, No. 10, pp. 6862-6865 (April 1993). ✓						
	K. BLUEML, et al., "Functional Role of A Cytoplasmic Aromatic Amino Acid In Muscarinic Receptor-Mediated Activation of Phospholipase C", <i>JO URNAL OF BIOLOGICAL CHEMISTRY</i> , Vol. 269, No. 15, pp. 11537-11541, (April 1994). ✓						
	J. WESS, et al., "Identification of a small intracelular region of the masicarinic m3 receptor as a determinant of selective coupling to PI turnover", <i>FEBS LETTERS</i> , Vol. 258, No. 1, (Nov. 1989). ✓						
	J. WESS, et al., "G protein-coupled receptors: molecular mechanisms involved in receptor activation and selectivity of G-protein recognition" <i>FASEB JO URNAL, US, FED. OF AMERICAN SOC. FOR EXPERIMENTAL BIOLOGY</i> , Vol. 11, No. 5, pp. 346-354, (April 1997). ✓						
	M.H. PAUSCH, et al., "Heterologous G Protein-Coupled Receptors Ex pressed in Saccharom yces Cerevisiae: Methods for Genetic Analysis and Ligand Identification", <i>IDENTIFICATION AND EXPRESSION OF G-PROTEIN-COUPLED RECEPTORS</i> , pp. 196-212 (May 1999). ✓						
	A. SCHEER, et al., "Constitutiv ely Active G Protein-Coupled Receptors: Potential M echanisms of Receptor Activation" <i>JOURNAL OF RECEPTOR AND SIGNAL TRANSDUCTION RESEARCH</i> , Vol. 17, No. 1-3, pp. 57-73, (1997). ✓						
Examiner		Date Considered					
*Examiner: Initial if reference considered, whether or not citation is in conf ormance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
Form PTO 1449				Patent and Trademark Office - U.S. Department of Commerce			